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(51) International Patent Classification ⁶ : C12N 15/11, C07K 14/47, C12Q 1/68	A1	(11) International Publication Number: WO 99/25820 (43) International Publication Date: 27 May 1999 (27.05.99)
(21) International Application Number: PCT/US98/23992 (22) International Filing Date: 10 November 1998 (10.11.98) (30) Priority Data: 60/065,740 17 November 1997 (17.11.97) US (71) Applicant (for all designated States except US): WARNER-LAMBERT COMPANY [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): BIAN, Junhui [CN/US]; 925 Manciples Way, Abilene, TX 79602 (US). SUN, Yi [CN/US]; 4841 Hillway Court, Ann Arbor, MI 48105 (US). (74) Agents: RYAN, M., Andrea; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al.		(81) Designated States: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>

(54) Title: p53CP, A PROTEIN THAT SPECIFICALLY BINDS TO CONSENSUS p53 DNA BINDING SITES**(57) Abstract**

p53 Tumor suppressor protein negatively regulates cell growth, mainly through the transactivation of its downstream target genes. As a sequence specific DNA binding transcriptional factor, p53 specifically binds to a 20 bp consensus motif 5'-PuPuPuC(A/T)(T/A)GPyPyPuPuPuC(A/T)(T/A)GPyPyPy-3'. We have now identified, partially purified and characterized an additional nuclear protein, p53CP (p53 competing protein) that specifically binds to consensus p53 binding sites found in several p53 downstream target genes including Waf-1, Gadd45, Mdm-2, Bax, and RGC.

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